

General Environmental Incident Summary

Incident: 2000 **Date/Time Notice:** 7/26/2013 0000 **DEM Incident No:**
Responsible Party: Bismarck State College
Date Incident: 7/26/2013 **Time Incident:** 0000 **Duration:** 0 hours
County: Burleigh **Twp:** 139 **Rng:** 80 **Sec:** 31 **Qtr:**
Lat: 46.82230 **Long:** -100.81650 **Method:** Navigation quality GPS
Location Description: Behind Jack Science Building 1414 Schafer Street
Bismarck ND

Submitted By: Don Roethler **Affiliation:**
Address:
City: **State:** **Zip:**

Received By:

Contact Person: Don Roethler
PO Box 5587
Bismarck, ND 58506

Distance Nearest Occupied Building: 25 Feet

Type of Incident: Ethylene Glycol leak from underground pipes

Description of Released Contaminant: Ethylene Glycol

Volume Spilled: 50.00 gallons

Ag Related: No

EPA Extremely Hazardous Substance: Unknown

Reported to NRC: Unknown

Cause of Incident:

Had 2 underground chiller lines lose pressure. Excavated around lines and found leaking couplings on pipes.

Risk Evaluation:

Contaminated soil removed

of Fatalities: **# of Injuries:** **Affected Medium:** 03 - soil

Potential Environmental Impacts:

None

Action Taken or Planned:

Repaired lines removed contaminated soil and hauled to city land fill
spoke to Steve Tillotson at ND Health Dept about the leak

Wastes Disposal Location: City of Bismarck landfill per Steve Tillotson

Agencies Involved:

Updates

Date: 7/26/2013 **Status:** Reviewed - Follow-up Required

Author: Stockdill, Scott

Updated Volume:

Notes:

Release impacted surrounding soils. Scott Stockdill will inspect site 7/26/2013.

Date: 7/29/2013 **Status:** Inspection

Author: Stockdill, Scott

Updated Volume:

Notes:

N.) 46.822305
W.) -100.816491

Arrived at location 2:05pm CST 7/29/13.

Soil removed with lines exposed. One of two leaks repaired two more lines loosing pressure. They had planned to backfill on 07/30/13.

More follow up required.

Date: 7/30/2013 **Status:** Inspection

Author: Roberts, Kris

Updated Volume:

Notes:

7/30/13 - 10:00 on location. Visited with Keith from BSC maintenance. Heating/cooling system had been loosing pressure slowly for 6 months. System had been repressured with coolant at least twice in that time. Leak was found on line between building and chiller, repaired, and approximately 3 cubic yards of contaminated soil was sent to Bismarck LF. At request of DoH, a confirmation sample from below the leaking pipe will be collected and analyzed.

While dealing with this issue, another pressure loss was noted on the lines between the building and the cooling tower. It is not known at this time whether the leak is inside the building or outside. More follow-up is needed to determine how much has leaked from the system, and what is required for clean up.